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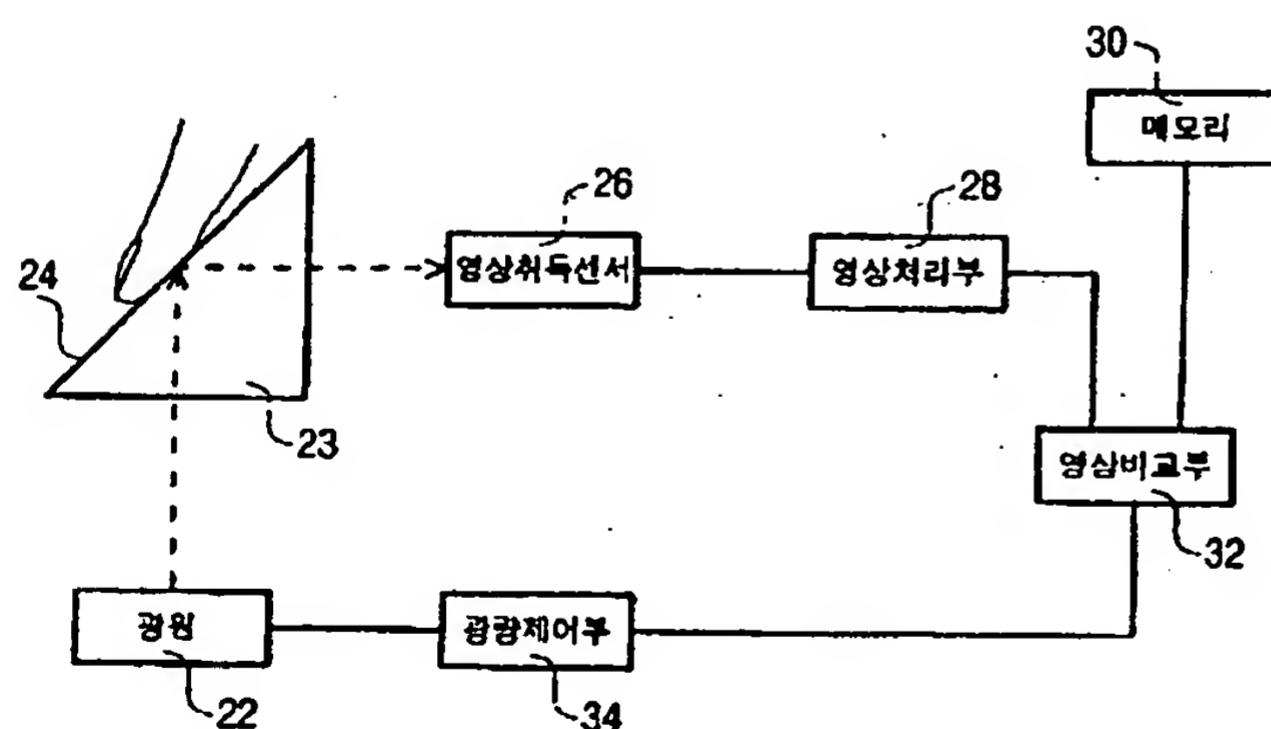
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METHOD AND SYSTEM FOR RECOGNIZING FINGERPRINT

Representative drawing

(57) Abstract:



PURPOSE: A method and a system for recognizing fingerprint are provided to obtain a second fingerprint image by secondarily increasing and inquiring a luminosity of a light source in case that a contrast of an image is lower than a standard value, and by secondarily reducing and inquiring a luminosity of a light source in case that the contrast of the image is higher than the standard value based on analyzing the first fingerprint image.

CONSTITUTION: A light source (22), a fingerprint input window (24), a fingerprint image acquisition sensor(26) and an image processing unit(28) are equipped. A memory(30) stores a gray level of a standard condition fingerprint. An image comparison unit(32) analyzes the gray level of the first fingerprint, and compares whether the gray level is higher

the gray level of the first fingerprint, and compares whether the gray level is higher

than a standard gray level. A quantity of light control unit(34) corrects a quantity of light by increasing the quantity in case that the gray level is lower than the standard level, and by reducing the quantity in case that the gray level is higher than the standard level.

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